

FIRST REPORT OF *ERIGERON VELUTIPES* (ASTERACEAE) FROM THE
UNITED STATES

Guy L. Nesom

and

Marc A. Baker

Department of Botany, University of Texas, Austin, Texas 78713 U.S.A.

and

Department of Botany & Microbiology, Arizona State University, Tempe,
Arizona 85287 U.S.A.

ABSTRACT

General collections from southern Arizona by the second author have included plants of *Erigeron velutipes* Hook. & Arn., a species previously known only from México.

KEY WORDS: Asteraceae, *Erigeron*, range extension

UNITED STATES. Arizona: Santa Cruz Co., ca. 4 km ESE of Black Peak, just N of fork in road 39, T22S R11E SE 1/4 s.31; moist soil in edge of seep on both sides of road, 27 May 1991, M.A. Baker 8431 (ASU,TEX).

Erigeron velutipes Hook. & Arn. has been collected in relative abundance in México from the states of Michoacán and Jalisco northward along the Pacific coast to Sonora and inland in the northernmost part of its range to western Chihuahua. The closest known collections to the Arizona locality have been made about 500 kilometers to the south in eastcentral Sonora. The Arizona plants and those from around Basaseachic, Chihuahua, are different from most others of the species in their primarily basal stem branching and heads on long, naked, stiffly erect peduncles, but the species includes a great deal of other variability in habit.

In its annual duration, nodding buds, distinctive vestiture, narrow ligules drying blue, and small achenes, *Erigeron velutipes* is similar to *E. lobatus* A.

Nelson and *E. piscaticus* Nesom. The last two are Arizona natives, and details of contrast among these three species are provided in the key in Nesom (1989).

ACKNOWLEDGMENTS

We thank Dr. B.L. Turner and Lindsay Woodruff for their review and comments.

LITERATURE CITED

- Nesom, G.L. 1989. A new species of *Erigeron* (Asteraceae: Astereae) from Arizona. *Phytologia* 67:304-306.